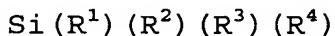


**CLAIMS**

1. Reinforcement yarn, particularly glass yarn,  
coated with a sizing composition comprising at least  
5 one silane satisfying the following formula:



in which:

10 •  $\text{R}^1$  and  $\text{R}^2$  are chosen from the following atoms or groups:  
-H, -Cl, -O-R<sup>5</sup>, -O-R<sup>6</sup>-O-R<sup>5</sup>, -O-(C=O)-R<sup>5</sup>, -O-R<sup>6</sup>-(C=O)-R<sup>5</sup>;

•  $\text{R}^3$  is chosen from the following atoms or groups:  
-Cl, -O-R<sup>5</sup>, -O-R<sup>6</sup>-O-R<sup>5</sup>, -O-(C=O)-R<sup>5</sup>, -O-R<sup>6</sup>-(C=O)-R<sup>5</sup>;

15 •  $\text{R}^5$  and  $\text{R}^6$  being chosen from hydrocarbon radicals whose main chain has from 1 to 4 carbon atoms;

•  $\text{R}^4 = -\text{R}^7-\text{NHR}^8$ ;

•  $\text{R}^7$  being chosen from branched hydrocarbon radicals whose main chain has from 2 to 6 carbon atoms;

20 •  $\text{R}^8$  being chosen from the following groups:  
-H, -R<sup>9</sup>-NH<sub>2</sub>, -R<sup>10</sup>-NH-R<sup>9</sup>-NH<sub>2</sub>;

•  $\text{R}^9$  being chosen from hydrocarbon radicals containing from 1 to 12 carbon atoms or from carbonyls; and

•  $\text{R}^{10}$  being chosen from hydrocarbon radicals whose main 25 chain has from 1 to 6 carbon atoms.

2. The reinforcement yarn as claimed in claim 1, characterized in that  $\text{R}^1 = \text{R}^2 = \text{R}^3 = -\text{CH}_3\text{O}$ , and  $\text{R}^4 = -\text{CH}_2-\text{CH}_2-\text{C}(\text{CH}_3)_2-\text{CH}_2-\text{NH}_2$  or  $\text{R}_4 = -\text{CH}_2-\text{C}(\text{CH}_3)_2-\text{CH}_2-\text{NH}_2$ .

30 3. The reinforcement yarn as claimed in claim 1 or claim 2, characterized in that the composition furthermore comprises at least one  $\gamma$ -methacryloxy-propyltrimethoxysilane or a vinyl silane.

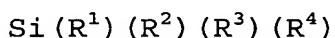
35 4. The reinforcement yarn as claimed in one of claims 1 to 3, characterized in that the composition furthermore comprises at least one, and preferably at least two, bonding agents.

5. The reinforcement yarn as claimed in one of claims 1 to 4, characterized in that the composition furthermore comprises at least one, and preferably at 5 least two, lubricating agents.

6. The reinforcement yarn as claimed in one of claims 1 to 5, characterized in that it is obtained from an alkali-resistant glass.

10 7. The reinforcement yarn as claimed in one of claims 1 to 6, characterized in that it is used to reinforce plastic, in particular organic, materials.

15 8. A sizing composition for reinforcement yarns, in particular for glass yarns, comprising at least one silane satisfying the following formula:



20 in which:  
•  $\text{R}^1$  and  $\text{R}^2$  are chosen from the following atoms or groups:  
-H, -Cl, -O-R<sup>5</sup>, -O-R<sup>6</sup>-O-R<sup>5</sup>, -O-(C=O)-R<sup>5</sup>, -O-R<sup>6</sup>-(C=O)-R<sup>5</sup>;  
25 •  $\text{R}^3$  is chosen from the following atoms or groups:  
-Cl, -O-R<sup>5</sup>, -O-R<sup>6</sup>-O-R<sup>5</sup>, -O-(C=O)-R<sup>5</sup>, -O-R<sup>6</sup>-(C=O)-R<sup>5</sup>;  
•  $\text{R}^5$  and  $\text{R}^6$  being chosen from hydrocarbon radicals whose main chain has from 1 to 4 carbon atoms;  
•  $\text{R}^4 = \text{-R}^7-\text{NHR}^8$ ;  
30 •  $\text{R}^7$  being chosen from branched hydrocarbon radicals whose main chain has from 2 to 6 carbon atoms;  
•  $\text{R}^8$  being chosen from the following groups:  
-H, -R<sup>9</sup>-NH<sub>2</sub>, -R<sup>10</sup>-NH-R<sup>9</sup>-NH<sub>2</sub>;  
•  $\text{R}^9$  being chosen from hydrocarbon radicals containing 35 from 1 to 12 carbon atoms or from carbonyls; and  
•  $\text{R}^{10}$  being chosen from hydrocarbon radicals whose main chain has from 1 to 6 carbon atoms.

9. A composite comprising at least one organic

material and/or one inorganic material and comprising reinforcement yarns, at least some of these yarns being reinforcement yarns as claimed in one of claims 1 to 6.